USER'S MANUAL
Part 2

2.4 GHz Cordless Speakerphone 2440 with Caller ID/Call Waiting

For Customer Service Or Product Information, Visit Our Website At www.telephones.att.com

Please also read
Part 1 — Important Product Information

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Using More Than One Handset

This system can support up to four handsets. You must "register" additional handsets (purchased separately) with the base. The handset that came with the system (Handset 1) will automatically be registered with the base. Follow the directions that come with an additional handset to register it with the base.

Choosing the Best Location

Choose a location for the base near an electrical outlet and a telephone jack. This phone requires a modular telephone jack and a standard electrical outlet (110v AC) not controlled by a wall switch. For optimum performance, install the base on the highest floor of your home.

About Caller ID with Call Waiting

This product has a Caller ID with Call Waiting feature that works with service from your local phone service provider.

Caller ID with Call Waiting lets you see who's calling before you answer the phone, even when you're on another call.

You may need to change your phone service to use this feature. Contact your phone service provider if:

- You have both Caller ID and Call Waiting, but as separate services (you may need combined service)
- You have only Caller ID service, or only Call Waiting service
- You don't subscribe to any Caller ID or Call Waiting services.

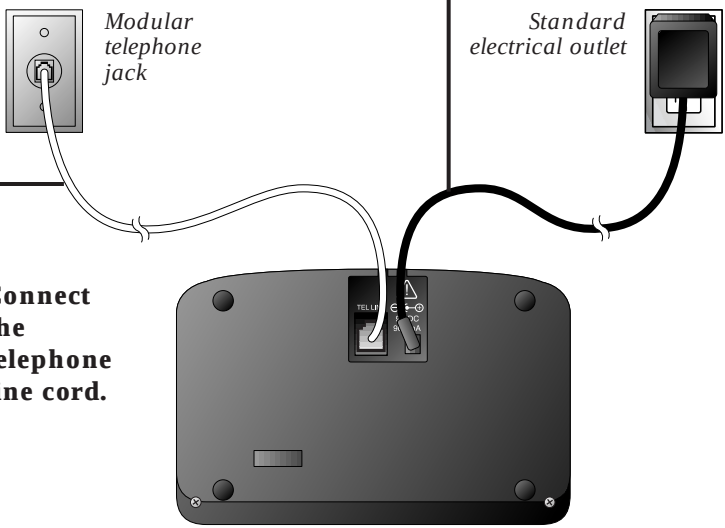
You can also use this product with regular Caller ID service, and you can use this product's other features without subscribing to either Caller ID or combined Caller ID with Call Waiting service. To turn off this phone's Caller ID with Call Waiting feature, see the FEATURE SETUP section of this manual.

There are fees for Caller ID services, and they may not be available in all areas.

This phone can provide information only if both you and the caller are in areas offering Caller ID service and if both telephone companies use compatible equipment.

INSTALLATION

1 **Connect the power cord** to the base and an electrical outlet not controlled by a wall switch.



2 **Connect the telephone line cord.**

Use only the power cord supplied with this product. If you need a replacement, call 1 800 222-3111.

3 **Install the handset battery.**

a) Remove battery compartment cover by pressing on indentation and sliding downward.

b) Place the battery pack in the handset. Align the metal contacts on the battery with the contacts in the battery compartment.

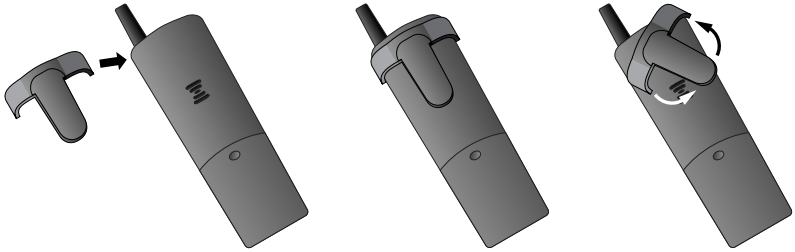
c) Replace cover by sliding it on its track up over battery case until it snaps firmly into place.

4 **Charge the handset battery.**
- Place the handset in the base (or a remote charging stand, purchased separately).
- Charge the battery at least 12 hours. After the first charge, the battery will quick charge in only eight hours.

5 **Check for dial tone.**
- After the batteries are charged, lift the handset and press PHONE; you should hear a dial tone.

Belt Clip

Attach belt clip to the cordless handset *(optional)*.



a) Slide down into grooves to attach.

b) Push up and away to remove.

Headset

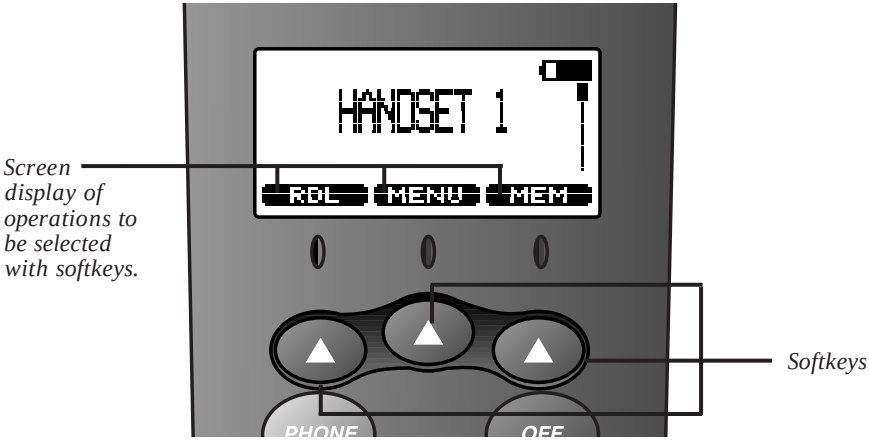
You can use this telephone hands-free when you install a 2.5 mm headset (purchased separately).

Plug the headset into the jack located on the left side of the handset (under the small rubber flap). Do not force the connection, but make sure the plug fits securely.

FEATURE SETTINGS

Handset Softkeys

- Press the softkey below the operation displayed on the screen to select that operation.
- For example, to enter the menu, press the center softkey.



Telephone Feature Setup—Handset

1 Make sure the handset is off.

2 Use the softkey to select MENU.

3 Use the softkey to highlight HANDSET SETTINGS.

4 Select OK.

5 Press the right softkey until the feature you want to set is highlighted.

6 Select OK.

7 Follow the directions for each feature as described in "Handset Features" on the next page.

8 The screen returns to the Handset Settings menu.

FEATURE SETTINGS

Handset Features

Feature	Directions
Ringer Volume	You can adjust the ringer volume to four settings or off. Use the softkeys to adjust the volume down or up, or to turn the ringer off. You will hear a volume sample each time you change the setting, and the screen displays the volume level. Select OK to save.
Ringer Melody	You can choose from six different ringers. Use the softkeys to hear the different ringers. Select SAVE to save the last ringer heard.
Low Batt Tone	If you turn this feature on, the handset sounds a tone to indicate the battery power is low. Use the softkeys to select OFF or ON, then select OK.
Range Tone	When you turn this feature on, the handset sounds a warning tone when it is out of range of the base. Use the softkeys to select OFF or ON, then select OK.
Keypad Tone	If you turn this feature on, the handset sounds a tone every time you press a button. Use the softkeys to select OFF or ON, then select OK.
Contrast	You can adjust the display screen contrast level. There are 15 contrast levels. Use the softkeys to adjust the contrast, then select OK.
Factory Preset	This feature allows you to restore all factory settings. The screen displays ARE YOU SURE?. Select NO or YES. The screen displays PLEASE WAIT as all factory settings are restored.

FEATURE SETTINGS

Telephone Feature Setup—Base

1. Make sure the phone is off.
2. Press ✱✱✱. The base sounds a tone, and the POWER and LINE IN USE lights flash.
3. Follow the directions for each feature as described in "Base Features."
4. Press # to save the selected setting and exit
   — OR —
   Press ✱ to exit without saving.

Base Features

Feature	Directions
Ringer Melody	Press 1, 2, 3, 4, 5, or 6 to select a ringer. You will hear a sample of the ringer when you press the button.
Dial Mode	Set the base to match the kind of dialing service you have—touch tone or dial pulse (rotary). Press 7 to change the dial mode. When set to TONE the LINE IN USE light goes on (during setup only); when set to PULSE, the LINE IN USE light goes off.
Ringer Volume	Press VOLUME ▲ or ▼ until you hear the volume level you want. To turn the base ringer off, press VOLUME ▼ until no ringer is heard.

TELEPHONE OPERATION
AT THE HANDSET

On steadily when you have new voice mail messages. (You must subscribe to service from your local telephone company.)

Answer a Call

Press PHONE

— ***OR*** —

Press any key except OFF or ▲.

Make a Call

Press PHONE, then dial the number

— ***OR*** —

Dial the number (it will be displayed on the screen), then press PHONE to call.

Flash/ Call Waiting

Access telephone company subscriber services while on a call.

Redial

1 Use the softkey to select RDL. The screen displays the last three numbers dialed from this handset.

2 Use the softkeys to highlight the number you want to call.

3 Press PHONE.

End a Call

Handsfree Speakerphone Operation

You can stand the handset on a desk or table and use it as a speakerphone by pressing HANDSFREE SPKRPHONE instead of PHONE to make, redial, or answer a call.

TELEPHONE OPERATION
AT THE HANDSET

Volume

1. During a call, select VOLUME, then use the softkeys to adjust the earpiece volume.
2. Select OK to save the setting for future calls.

Mute

Mute allows you to hear your caller, but prevents the caller from hearing you.

1. Use the softkey to select MUTE. The screen alternately displays MICROPHONE MUTED! and the previous screen.
2. Select MUTE again to return to your conversation.

Hold

When you put a call on hold, you cannot hear your caller, and your caller cannot hear you.

1. Use the softkey to select HOLD. The screen displays CALL ON HOLD!
2. Press PHONE or HANDSFREE SPKRPHONE to return to the call.

NOTE: *The handset rings to remind you that the call is being held. If you don't answer the ring, the call is disconnected.*

Line in Use

- When the line is in use by a handset or base, the screen display is similar to:

- When the line is in use by another set on the same line, the screen displays:

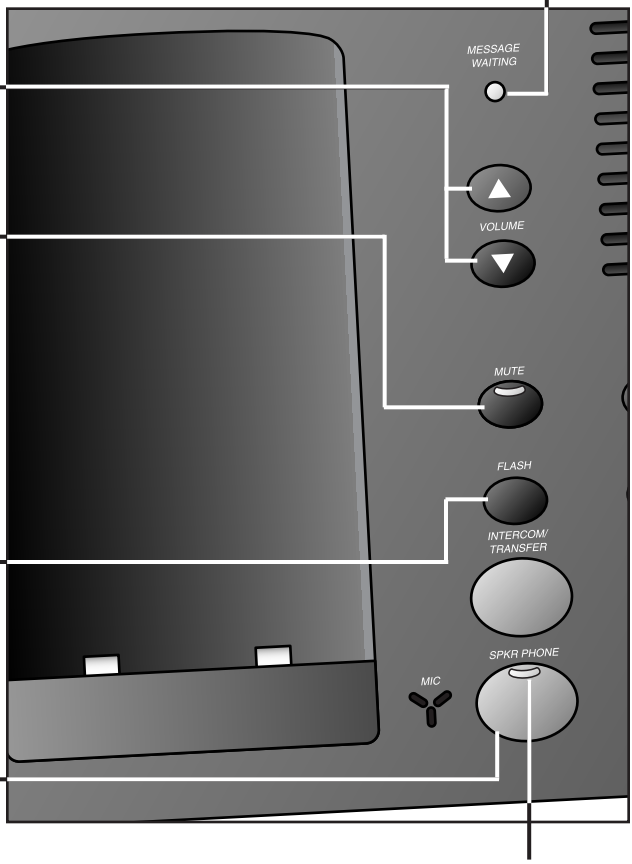
Handset Icons

Icon	Description
	Line in Use On steadily with no number next to it when a parallel set is in use. On steadily with one or more numbers next to it to show which extensions are using the line. For example, 12 indicates that Handset 1 and Handset 2 are on outside calls.
	Intercom On steadily with the extension numbers currently on an intercom call. For example, 02 indicates that the base and Handset 2 are currently on an intercom call.
	Battery Cycles (low, medium, and high) when Handset battery is charging. Flashes when battery is low.
M	**Mute** On steadily when the handset microphone is muted.
H	**Hold** On steadily when the line is on hold.
R	**Handset Registration** On steadily when a handset is either not registered, or is searching for a base unit.

TELEPHONE OPERATION
AT THE BASE

The base unit of this cordless phone is a full-featured speakerphone.

Flashes when you have new voice mail messages. (You must subscribe to service from your local telephone company.)



Volume
Adjust speakerphone volume during a call.

Mute
Press to prevent the other person from hearing you (you will still be able to hear the other person). The MUTE light goes on. Press again to return to your conversation.

Flash/Call Waiting
Access telephone company subscriber services during a call.

Make, Answer, or End a Call
Press SPKR PHONE.

Light within button: Flashes when call is on hold.

On steadily when base speakerphone is in use.

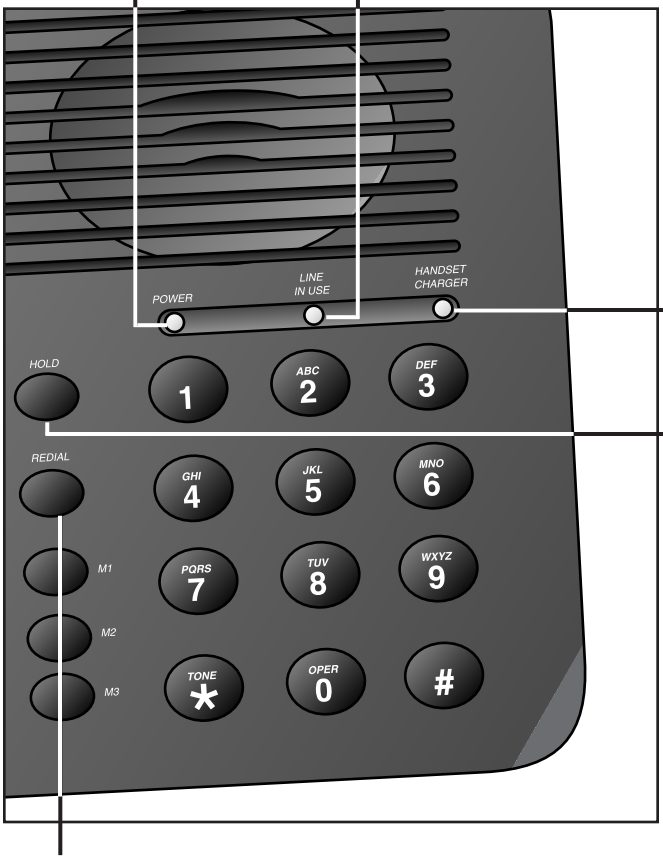
TELEPHONE OPERATION
AT THE BASE

On steadily when the base unit is properly plugged in.

Flashes when unit is in Power Fail Operation.

On steadily when line is being used by a system handset.

Flashes when another phone on the same line (parallel extension) is in use.



On steadily whenever handset is placed in base unit charging cradle.

Hold

Press to put a call on hold. You cannot hear your caller, and your caller cannot hear you. Press HOLD or SPKR PHONE to return to the call.

Redial

Call the last number dialed from the base. (Hold down for more than two seconds to erase the redial memory. You will hear a confirmation tone.)

TELEPHONE DIRECTORY
AT THE HANDSET

You can store up to 50 telephone numbers and names in memory.

Store a Number and Name in Memory

1 Start from the "idle" screen.

2 Begin entering the number you want to store. Use the PAUSE softkey to enter a dialing pause if you wish. Select MEM when finished.

3 The screen displays:

4 Use the chart below to enter a name to be stored with this number. Select ▶ to enter a space; select CLR if you make a mistake.

5 Select SAVE. The number is stored and the "idle" screen is displayed.

Dial Key	Presses 1	2	3	4	5
1	&	'	,	.	1
2	A	B	C	2	
3	D	E	F	3	
4	G	H	I	4	
5	J	K	L	5	
6	M	N	O	6	
7	P	Q	R	S	7
8	T	U	V	8	
9	W	X	Y	Z	9
*	*				
0	0				
#	#				

NOTE: *If the memory is full, the screen displays* PHONEBOOK IS FULL! *and exits without saving the entry.*

View a Memory Number

1 Start from the "idle" screen. Select MEM.

2 The screen displays:

3 Use the ▲ and ▼ softkeys to scroll through memory in alphabetical order

— OR —

Select FIND, then enter the first few letters of the name and select FIND again to search.

The closest match alphabetically is displayed.

TELEPHONE DIRECTORY

AT THE HANDSET

Delete a Memory Number

1 Follow **Steps 1–3** under "View a Memory Number."

2 Select EDIT.

3 Select DEL.

4 Select THIS to delete the displayed entry
— OR —
Select ALL to delete the entire memory.

5 If you selected ALL, the screen displays ARE YOU SURE?.
Select YES to delete the memory
— OR —
Select NO to exit without deleting.

Edit a Memory Number

1 Follow **Steps 1–3** under "View a Memory Number."

2 Select EDIT.

3 Select EDIT.

4 Select ▶ to move the cursor to where you want to begin editing the phone number.

5 Select MORE for more editing choices.

6 Select DEL to delete numbers, then enter new numbers. Select PAUSE to enter a dialing pause.

7 Select BACK. To continue editing, use the ▶ to reposition the cursor and repeat **Steps 5–7**.

8 Select SAVE to exit saving the edits
— OR —
Press OFF to exit without saving.

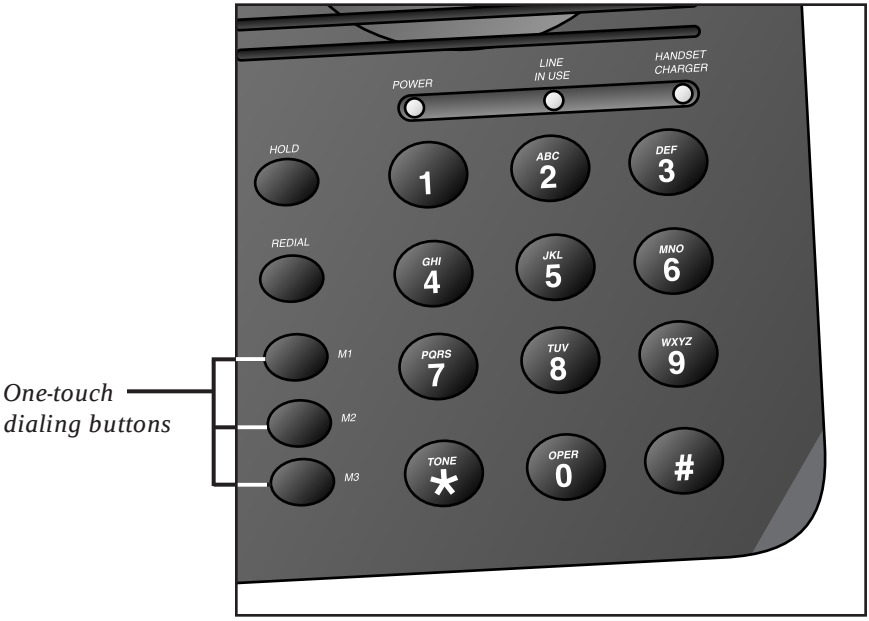
Dial a Memory Number

1 Follow **Steps 1–3** under "View a Memory Number."

2 Press PHONE or SPKR PHONE to dial the call.

TELEPHONE MEMORY
AT THE BASE

There are three one-touch dialing buttons, M1, M2, or M3, on the base.



Store a One-Touch Number

1. Make sure the phone is off.
2. Press and hold M1, M2, or M3 until you hear a beep.
3. Dial the number you want to store.
4. Press the same one-touch button again. You will hear a confirmation tone.

Delete a One-Touch Number

1. Make sure the phone is off.
2. Press and hold M1, M2, or M3 until you hear a beep.
3. Press the same button again to delete the number stored there. You will hear a confirmation tone.

Dial a One-Touch Number

Press M1, M2, or M3 to dial the number stored in that location. The speakerphone is activated and the stored number is dialed.

INTERCOM/TRANSFER OPERATION

Base to All Handsets

1. Press [INTERCOM/TRANSFER] on the base. All handsets registered with the base will ring, and each screen will display GLOBAL CALL FROM BASE.
2. Respond at any handset by pressing [INTERCOM/TRANSFER] on the handset.
3. To end the intercom connection, press [OFF] on the handset
   — OR —
   Press [INTERCOM/TRANSFER] on the base.

Base to One Handset

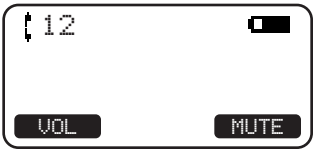
1. Press [INTERCOM/TRANSFER] on the base.
2. Press the number of the handset you are calling (for example, press [2] for Handset 2).
3. Respond at the signaled handset by pressing [INTERCOM/TRANSFER] on the handset.
4. To end the intercom connection, press [OFF] on the handset
   — OR —
   Press [INTERCOM/TRANSFER] on the base.

Handset to Base

1. Press [INTERCOM/TRANSFER] on the handset.
2. Press [0]. The base rings once and is automatically connected to the intercom.
3. To end the intercom connection, press [OFF] on the handset
   — OR —
   Press [INTERCOM/TRANSFER] on the base.

Handset to Handset

1. Press [INTERCOM/TRANSFER] on the handset.
2. Press the number of the handset you are calling (for example, press [2] for Handset 2).



3. Respond to the signal by pressing [INTERCOM/TRANSFER] on the handset being called.
4. To end the intercom connection, press [OFF] on either handset.

INTERCOM/TRANSFER OPERATION

Handset to Base and All Handsets

1. Press [INTERCOM/TRANSFER] on the handset.
2. Press [*] on the handset. All registered handsets and the base will ring.
3. Respond at any handset or the base by pressing [INTERCOM/TRANSFER].
4. To end the intercom connection, press [OFF] on the handset
   — OR —
   Press [INTERCOM/TRANSFER] on the base.

Transfer Calls

You can transfer calls from base to handset, handset to handset, or handset to base.

Blind Transfer

Transfer without advising the other person.

1. Press [INTERCOM/TRANSFER].
2. Enter the handset number ([1], [2], [3], [4]) or [0] (base) where you want to transfer the call.
3. The call is automatically transferred when the extension answers.
4. An unanswered transfer rings back to the sending handset or base after 30 seconds.

Announced Transfer

Advise another person that you are transferring a call.

1. Press [HOLD] to put the call on hold.
2. Press [INTERCOM/TRANSFER].
3. Enter the number of the handset ([1], [2], [3], [4]) or [0] (base) where you are sending the call.
4. The responding handset or base presses [INTERCOM/TRANSFER] to answer your signal.
5. Both extensions press [OFF] to end the intercom connection.
6. The responding handset or base presses [PHONE] or [HANDSFREE SPKRPHONE] or [SPKR PHONE] to pick up the call.

Four-Way Conferencing

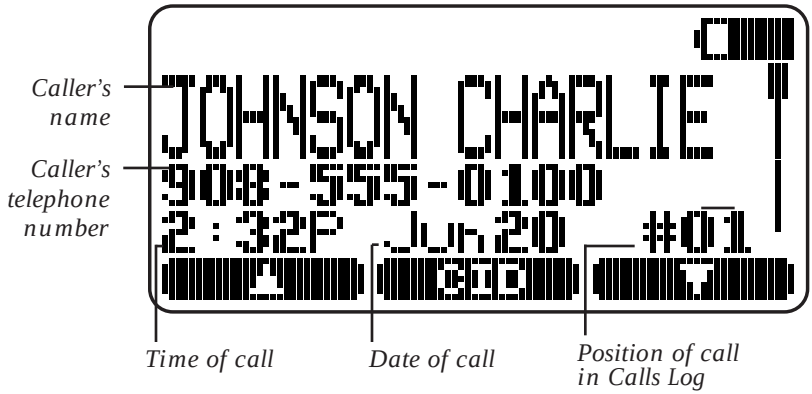
You can have a "conference" call using up to two registered handsets, the base, and an outside caller.

Press [PHONE] on the handset

— OR —

Press [SPKR PHONE] on the base.

CALLER ID OPERATION

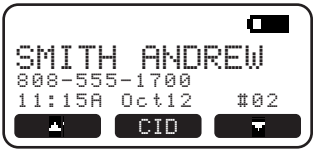


View Calls Log

The handset stores up to 50 Caller Identification records in the Calls Log, with the most recent records displayed first.

1 Select MENU.

2 Select CALLS LOG. The screen display is similar to:



3 Select ▲ or ▼ to scroll through the Calls Log.

4 To exit Calls Log, press OFF.

Dial Displayed Call Record

1 Follow the directions to "View Calls Log."

2 When the number you want to call is displayed, press PHONE
— OR —
Press HANDSFREE SPKRPHONE .

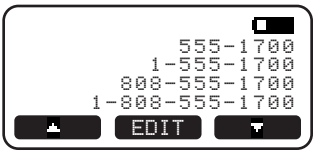
Display Dial Options

Display up to four possible dialing strings for the number in Calls Log.

1 Select CID. The screen display is similar to:

2 Select OPT#.

3 Select ▲ or ▼ to highlight the number as you want it to be dialed.



4 To call the selected number, select DIAL
— OR —
Press PHONE
— OR —
Press HANDSFREE SPKRPHONE .

Delete Call Records

1 Follow the directions to "View Calls Log."

2 Select CID.

3 Select DEL. The screen display is similar to:

4 Select THIS to delete the displayed call record
— OR —
Select ALL to delete all records in the Calls Log.

5 If you select ALL, the screen displays ARE YOU SURE?
Select YES to delete all records and exit
— OR —
Select NO to exit without deleting.

6 To exit Calls Log, press OFF.

Store Call Record in Telephone Memory

NOTE: *Only call records with telephone numbers will be stored in the telephone memory.*

1 Follow the directions to "View Calls Log."

2 Select CID.

3 Select SAVE. The number is stored in the memory.

4 To exit Calls Log, press OFF.

BATTERIES

Battery Life

Battery life depends on how far the handset is from the base, and other environmental conditions.

NOTE: *For optimum performance, charge your handset on the base every night.*

Charge the Handset Battery Pack

- This battery should remain charged for up to five days. A fully charged battery provides an average talk time of about six to eight hours.
- The battery pack needs charging when:
  – The battery icon ( ) flashes,
  – A warning tone sounds, or
  – The screen displays LOW BATTERY when idle.
- Place the handset in the base so the CHARGING light goes on. The battery pack is typically charged in eight hours. For best results, the initial charge should be twelve hours.
- You can keep the battery fully charged by returning the handset to the base after each use.
- If you repeatedly get a Low Battery indicator, even after eight hours of charging, the battery should be replaced.

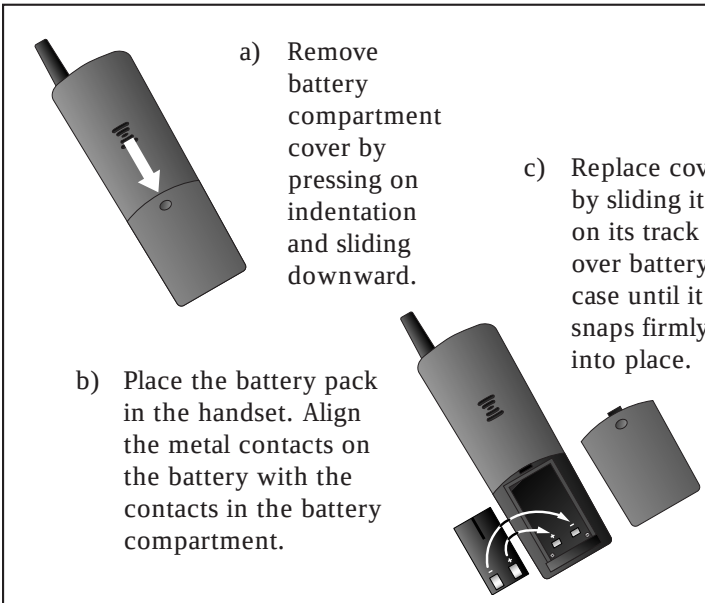
CAUTION: To reduce the risk of fire or injury to persons or damage to the telephone, read and follow these instructions carefully:

- Use only Replacement Battery 2401, SKU# 91077.
- Do not dispose of the battery in a fire. The cell might explode. Check with local codes for special disposal instructions.
- Do not open or mutilate the battery. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
- Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause harm.
- Charge the battery provided with or identified for use with this product only in accordance with the instructions and limitations specified in this manual.
- Observe proper polarity orientation between the battery and battery charger.

Nickel-Metal Hydride Batteries. Dispose of batteries in a safe manner. Consult your local waste disposal company for disposal information. Do not burn or puncture. Like other batteries of this type, if burned it could explode and if punctured it could release corrosive material which could injure the skin or eyes and which may be toxic.

Replace the Handset Battery Pack

1 Install the handset battery.



2 Charge the handset battery.

- Place the handset in the base (or a remote charging stand, purchased separately)
- Charge the battery at least 12 hours. After the first charge, the battery will quick charge in only eight hours.

BATTERIES

Power Fail Operation

You can use your cordless phone during a power outage when a fully charged battery is installed in the base unit (see "Spare Battery"). This battery will provide enough power for you to make and receive calls for up to five hours.

NOTE: *When using the spare battery backup power, audio quality may be somewhat reduced.*

Spare Battery

This phone is equipped with a built-in spare battery charger in the base unit. The spare battery charger allows you to always have a charged battery available should the handset battery charge become low.

NOTE: *Do not switch the battery while on a call.*

1. Press the release button on the bottom of the base unit to open the spare battery compartment drawer.
2. Place the battery pack (Replacement Battery 240, SKU# 91077, purchased separately) in the drawer, with the charge contacts facing up and to the left.
3. Push the drawer closed.
4. The spare battery takes 24 hours to fully charge.

IN CASE OF DIFFICULTY

If you have difficulty operating this phone, try the suggestions below. For Customer Service, visit our website at *www.telephones.att.com* or call 1 800 222–3111. **Please retain your receipt as your proof of purchase**.

If the phone does not work at all, check these items first:

- Make sure the power cord is plugged into the base and an electrical outlet not controlled by a wall switch.
- Make sure the telephone line cord is plugged firmly into the base unit and the telephone jack.
- Make sure the battery pack is installed correctly.
- If the screen displays LOW BATTERY, place the handset in the base and charge for at least eight hours.
- If the battery does not charge after eight hours, replace it with Replacement Battery 2401, SKU# 91077.

If the above suggestions do not solve the problem, try re-initializing the handset and base (see "To re-initialize the handset and base" below).

If you have no dial tone:

Check all the previous suggestions. If you still do not hear a dial tone, disconnect the phone and try another phone in the same jack. If there is no dial tone on that phone either, the problem is probably in your wiring or local service.

If you hear a two-beep signal when you try to use the handset:

- The handset and base are not communicating properly. You might be out of range. Move closer to the base and try again.
- If moving closer to the base does not help, follow the directions below to re-initialize the handset and base.

To re-initialize the handset and base:

1 Disconnect the power to the base.

2 Remove the handset battery pack.

3 Wait at least 15 seconds.

4 Insert the handset battery pack.

5 Connect the power to the base.

6 Put the handset in the base to re-initialize.

7 Wait for handset to display FOUND BASE.

IN CASE OF DIFFICULTY

If you hear noise or interference when using the phone:

- You may be out of range. Move closer to the base.
- Household appliances plugged into the same circuit as the base can sometimes cause interference. Try moving the appliance or the base to another outlet.
- The layout of your home or office may be limiting the operating range. Try moving the base to another location, preferably on an upper floor.

If the phone does not ring when you receive a call:

- Make sure the Ringer is on.
- Make sure the telephone line cord is connected firmly to the base and the telephone jack.
- Make sure the AC adapter is plugged firmly into an electrical outlet not controlled by a wall switch.
- You might be too far from the base; move closer.
- You might have too many extension phones on your telephone line to allow all of them to ring. Try unplugging some of them.

If your telephone misdials:

- If you have dial pulse (rotary) service, you'll need to set the Dial Mode to PULSE. Follow the instructions under "Telephone Feature Setup—Base" in the FEATURE SETTINGS section of this manual.
- If you have touch tone service and you hear clicks while you are dialing, you'll need to set the Dial Mode to TONE. Follow the instructions under "Telephone Feature Setup" in the FEATURE SETUP section of this manual.

If the caller's name or phone number is not displayed:

- Make sure you subscribe to a Caller ID service from your local telephone company.
- Make sure the battery is charged.
- Caller ID service might not work when the phone is connected to a Private Branch Exchange (PBX).

If the caller's name or phone number is not displayed during Call Waiting:

- You should call your service provider to confirm that you subscribe to a combined Caller ID with Call Waiting service.
- The Caller ID with Call Waiting feature is inactive during a power interruption.
- Make sure the battery is charged.